

## Carmel Convent Sr. Sec. School, Gwalior

### DRONE WORKSHOP

#### CLASS 9 & 10

April 5, 2025

A hands-on Drone Workshop was successfully conducted for the students of Classes 9 and 10 on 5th April'25, aimed at introducing them to the exciting world of drone technology. The session was organized as part of our continued efforts to encourage practical learning and expose students to emerging technologies.



The workshop was conducted by Mr. Falit Goyal TGT-Physics and Innovation Incharge under the guidance of Principal Rev. Sr. Ramya. Coordinators Mrs. Usha Singh, Mrs. Indrani Mukherjee, Mrs Mridu Dasgupta, Mr MPS Tomar along with science department attended the workshop. One of the highlights of the workshop was the hands-on



The workshop began with an interactive session where students were introduced to the basics of drone technology, including the types of drones, their components, and real-world applications in fields like agriculture, defense, photography, and disaster management. This was followed by a live demonstration where students witnessed how drones are assembled, calibrated, and flown.



experience where students got the opportunity to operate drones under expert supervision. They were guided through the basic flight maneuvers and control systems, sparking a great deal of curiosity and enthusiasm. 20 students received their own drones for better learning experience and a kick starter to their drone-pilot journey.

The session not only enhanced their understanding of STEM (Science, Technology,

Engineering, and Mathematics) concepts but also inspired many to explore careers in robotics and aeronautics. The session concluded with a Q&A session, where students actively engaged with the resource persons and clarified their doubts.

Overall, the drone workshop was a fun, educational, and enriching experience that left students inspired and eager to learn more about the technologies shaping our future.